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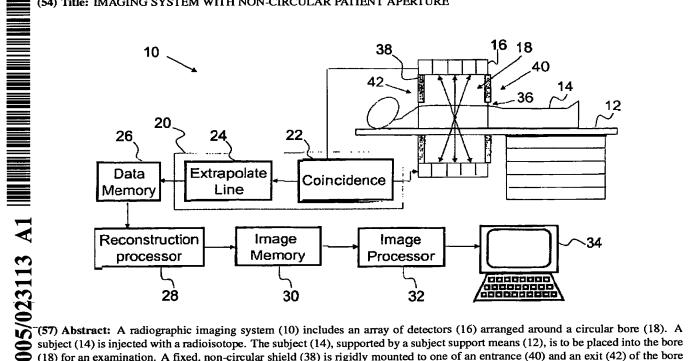
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(54) Title: IMAGING SYSTEM WITH NON-CIRCULAR PATIENT APERTURE



subject (14) is injected with a radioisotope. The subject (14), supported by a subject support means (12), is to be placed into the bore subject (14) is injected with a radioisotope. The subject (14), supported by a subject subject supported by a subject subject supported by a subject supported by a subject subject subject subject supported by a subject subject subject subject subject s (18) to prevent emission radiation originating outside of the bore (18) to reach the radiation detectors (16). The shield (38) extends from an outer periphery of the bore (18) toward and surrounding a central axis of the bore (18) and defines a fixed, non-circular subject receiving aperture (36). The shield (38) is tailored to a contour of the subject support means (12) and the subject (14) to permit the subject of a maximum girth to be received in the fixed, non-circular aperture (36).



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Declaration under Rule 4.17:

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